Art.—article; rev.—review; art. (rev.)—review of article or book by.

BY TITLE OR KEY WORDS IN TITLE

Abies of the southern Appalachians. Natural variation in. art. 238
Air-drying. Recovery of germinated pine seed after. art. 305
Alcohol dehydrogenase activity and ethanol utilization in germinating longleaf and slash pine seeds. art. 400
Allocating funds to timber management research. Forest Sci. Monog. 16. (a separate)
Ambrosia beetle attack. Characteristics of Douglas-fir logs in relation to. art. 95
American elm seedlings, response to treatment with captan and cycloheximide. art. 87
Antibiotic detected in conifer foliage and its relation to *Cenococcum graniforme* mycorrhizae. An. art. 286
Aseptic culture of *Juglans nigra* L. Stem tissues. art. 102
Assimilation rate, net, and growth in loblolly pine seedlings. art. 431
Balsam fir, forest character and vulnerability of, to spruce budworm in Minnesota. art. 17
Basal canker of white pine. art. 66
Bear, black. Chemical composition of the sapwood of four tree species in relation to feeding by the. art. 11
Biology of alder. rev. 399
Branch, needle, and xylem ring growth of Sierra Nevada Douglas-fir. Effect of cone production on. art. 171
Cambial activity and the differentiation of cambial derivaties, A simple technique for investigating. art. 26
Canker, basal, of white pine. art. 66
Captan and cycloheximide. Response of American elm seedlings to treatment with. art. 87
Carbon dioxide and oxygen concentrations in sound and decaying red oak trees. art. 246
Cenococcum graniforme mycorrhizae. An antibiotic detected in conifer foliage and its relation to .art. 286
Ceratocystis fagacearum, oak wilt fungus, as a selective silvicide. art. 198
Chemical composition of the sapwood of four tree species in relation to feeding by the black bear. art. 11
Cone feeding, effect of, by *Leptoglossus occidentalis* on ponderosa pine seed development. art. 104
Cone-picking date on Douglas-fir seed quality. Effects of. art. 404
Cone production, effect of, on branch, needle, and xylem ring growth of Sierra Nevada Douglas-fir. art. 171
Cone storage. Disease of Douglas-fir seeds during. art. 176
Conifer foliage and its relation to *Cenococcum graniforme* mycorrhizae. An antibiotic detected in. art. 286
Conifers in West-central Oregon. Seed fall of three. art. 290
Cottonwood, eastern, foliage. Genotype and moisture supply influence nutrient content of. art. 46
Cottonwood, eastern. Transpiration and leaf temperature in. art. 151
Culture of forest tree species [in Romania], The. rev. 101
Cycloheximide and captan. Response of American elm seedlings to treatment with. art. 87
Defoliation, spruce budworm, in relation to introgression in red and black spruce. art. 365
Development of ponderosa pine seedlings. Effect of osmotic water stress on germination and initial. art. 30
Disease of Douglas-fir seeds during cone storage. art. 176
Distinction between injury to tree leaves by ozone and mesophyll-feeding leafhoppers. art. 154
Douglas-fir. Effect of cone production on branch, needle, and xylem ring growth of Sierra Nevada. art. 171
Douglas-fir. Effects of nitrogen fertilization on growth, leaf area, and photosynthesis rate in. art. 189
Douglas-fir forest soil in western Oregon. Occurrence of fungi antagonistic to *Poria weirii* in a. art. 49
Douglas-fir. Intraspecific competition among genotypes of *Fomes cajanderi* decaying young-growth. art. 327
Douglas-fir logs in relation to ambrosia beetle attack. Characteristics of. art. 95
Douglas-fir. Paper bags and tags for controlled pollination of. art. 143
Douglas-fir region nursery. Mycorrhizal deficiency in a. art. 381
Douglas-fir seed quality. Effects of cone-picking date on. art. 404
Douglas-fir seeds, disease of, during cone storage. art. 176

Art.—article; rev.—review; art. (rev.)—review of article or book by.

BY TITLE OR KEY WORDS IN TITLE

Abies of the southern Appalachians. Natural variation in. art. 238
Air-drying. Recovery of germinated pine seed after. art. 305
Alcohol dehydrogenase activity and ethanol utilization in germinating longleaf and slash pine seeds. art. 400
Allocating funds to timber management research. Forest Sci. Monog. 16. (a separate)
Ambrosia beetle attack. Characteristics of Douglas-fir logs in relation to. art. 95
American elm seedlings, response to treatment with captan and cycloheximide. art. 87
Antibiotic detected in conifer foliage and its relation to *Cenococcum graniforme* mycorrhizae. An. art. 286
Aseptic culture of *Juglans nigra* L. Stem tissues. art. 102
Assimilation rate, net, and growth in loblolly pine seedlings. art. 431
Balsam fir, forest character and vulnerability of, to spruce budworm in Minnesota. art. 17
Basal canker of white pine. art. 66
Bear, black. Chemical composition of the sapwood of four tree species in relation to feeding by the. art. 11
Biology of alder. rev. 399
Branch, needle, and xylem ring growth of Sierra Nevada Douglas-fir. Effect of cone production on. art. 171
Cambial activity and the differentiation of cambial derivaties, A simple technique for investigating. art. 26
Canker, basal, of white pine. art. 66
Captan and cycloheximide. Response of American elm seedlings to treatment with. art. 87
Carbon dioxide and oxygen concentrations in sound and decaying red oak trees. art. 246
Cenococcum graniforme mycorrhizae. An antibiotic detected in conifer foliage and its relation to .art. 286
Ceratocystis fagacearum, oak wilt fungus, as a selective silvicide. art. 198
Chemical composition of the sapwood of four tree species in relation to feeding by the black bear. art. 11
Cone feeding, effect of, by *Leptoglossus occidentalis* on ponderosa pine seed development. art. 104
Cone-picking date on Douglas-fir seed quality. Effects of. art. 404
Cone production, effect of, on branch, needle, and xylem ring growth of Sierra Nevada Douglas-fir. art. 171
Cone storage. Disease of Douglas-fir seeds during. art. 176
Conifer foliage and its relation to *Cenococcum graniforme* mycorrhizae. An antibiotic detected in. art. 286
Conifers in West-central Oregon. Seed fall of three. art. 290
Cottonwood, eastern, foliage. Genotype and moisture supply influence nutrient content of. art. 46
Cottonwood, eastern. Transpiration and leaf temperature in. art. 151
Culture of forest tree species [in Romania], The. rev. 101
Cycloheximide and captan. Response of American elm seedlings to treatment with. art. 87
Defoliation, spruce budworm, in relation to introgression in red and black spruce. art. 365
Development of ponderosa pine seedlings. Effect of osmotic water stress on germination and initial. art. 30
Disease of Douglas-fir seeds during cone storage. art. 176
Distinction between injury to tree leaves by ozone and mesophyll-feeding leafhoppers. art. 154
Douglas-fir. Effect of cone production on branch, needle, and xylem ring growth of Sierra Nevada. art. 171
Douglas-fir. Effects of nitrogen fertilization on growth, leaf area, and photosynthesis rate in. art. 189
Douglas-fir forest soil in western Oregon. Occurrence of fungi antagonistic to *Poria weirii* in a. art. 49
Douglas-fir. Intraspecific competition among genotypes of *Fomes cajanderi* decaying young-growth. art. 327
Douglas-fir logs in relation to ambrosia beetle attack. Characteristics of. art. 95
Douglas-fir. Paper bags and tags for controlled pollination of. art. 143
Douglas-fir region nursery. Mycorrhizal deficiency in a. art. 381
Douglas-fir seed quality. Effects of cone-picking date on. art. 404
Douglas-fir seeds, disease of, during cone storage. art. 176

Dutch elm disease susceptibility. Seasonal variations in relation to. Nitrogenous compounds in the xylem sap of *Ulmus americana*: art. 299
Dwarf mistletoe, assessing, on western hemlock. art. 277
Dwarf mistletoe. Temperature affects penetration and infection of pines by. art. 149
Ecology of slash pine stumps: Fungal colonization and infection by *Fomes annosus*. art. 2
Econometric model of the market for redwood lumber. An. art. 159
Ecotypes in Michigan. Early growth of ponderosa pine. art. 121
Electrical impedance of woody tissue. The influence of temperature on the. art. 85
Endogone spores. Endotrophic mycorrhizal infection of tree seedlings with. art. 134
Endotrophic mycorrhizae found on *Populus deltoides*. art. 158
Endotrophic mycorrhizal infection of tree seedlings with endogone spores. art. 134
Estimating stand volume by measuring form class without measuring diameters. art. 145
Ethanol utilization and alcohol dehydrogenase activity in germinating longleaf and slash pine seeds. art. 400
Exudation, oleoresin, flow in pines. A simple technique for measuring. art. 56
Fertilization, nitrogen, effects on growth, leaf area, and photosynthesis rate in Douglas-fir. art. 189
Fomes annosus, fungal colonization and infection by. Ecology of slash pine stumps: art. 2
Fomes cajanderi decaying young-growth Douglas-fir. Intraspecific competition among genotypes of. art. 327
Forest fertilization: theory and practice. rev. 289
Forestry and economic development. rev. 181
Forests of the U.S.S.R., The. rev. 83
Forest tree planting in arid zones. rev. 430
Form class, estimating stand volume by measuring, without measuring diameters. art. 145
Form class, measuring without measuring diameters. Estimating stand volume by. art. 145
Fumigated nursery soil. Microbial recolonization of a. art. 368
Fundamentals of forest biogeocoenology. rev. 254
Fungal colonization and infection by *Fomes annosus*. Ecology of slash pine stumps: art. 2
Fungal spores, emplacement of, by the woodwasp, *Sirex noctilio*, during oviposition. art. 412
Fungi, heartrotting. Resin as a barrier to infection of white spruce by. art. 266
Fungi, occurrence of, antagonistic to *Poria weirii* in a Douglas-fir forest soil in western Oregon. art. 49
Genotype and moisture supply influence nutrient content of eastern cottonwood foliage. art. 46
Genotypes of *Fomes cajanderi* decaying young-growth Douglas-fir. Intraspecific competition among. art. 327
Germinated pine seed, recovery of, after air-drying. art. 305
Germinating longleaf and slash pine seeds. Alcohol dehydrogenase activity and ethanol utilization in. art. 400
Germination and initial development of ponderosa pine seedlings. Effect of osmotic water stress on. art. 30
Germination of longleaf and slash pine seeds. Moisture stress affects. art. 275
Grain direction, through-bark measurement of: Preliminary results. art. 92
Growth, and net assimilation rate in loblolly pine seedlings. art. 431
Growth and yield functions for uneven-aged forest stands. Deriving. art. 183
Growth definition for stocking, A: Units, sampling, and interpretation. art. 255
Growth, early, of ponderosa pine ecotypes in Michigan. art. 121
Growth, leaf area, and photosynthesis rate in Douglas-fir. Effects of nitrogen fertilization on. art. 189
Growth of southern pine seedlings. Influence of stubby-root nematode on. art. 130
Growth, tree, in southeast Alaska. Seedbed history affects. art. 296
Hardwoods, southern. Problems in relating soil to site index for. art. 354
Heartrotting fungi. Resin as a barrier to infection of white spruce by. art. 266
Height increment and root development of ponderosa pines in pumice soils of Central Oregon. art. 226
Hemlock, western. Assessing dwarf mistletoe on. art. 277
Hybridization, abundant natural, between Austrian and Japanese red pines in southern Michigan. art. 269
Hybrids. Nanism in slash X shortleaf pine. art. 174
Infection and penetration of pines by dwarf mistletoe. Temperature affects. art. 149
Injury to tree leaves by ozone and mesophyll-feeding leafhoppers. The distinction between. art. 154

Intraspecific competition among genotypes of *Fomes cajanderi* decaying young-growth Douglas-fir. art. 327
International biological program handbooks. rev. 16
Introduction to experimental ecology. rev. 268
Introduction to linear models and the design and analysis of experiments. rev. 197
Introgression in red and black spruce. Spruce budworm defoliation in relation to. art. 365
Inventory. A statistical procedure for combining different types of sampling units in a forest. art. 307
Ips populations, behavior of, after summer thinning in a loblolly pine plantation. art. 390
Irrigation, forest, time-integrated thermal effects of. art. 114
Juglans nigra L. stem tissues. Aseptic culture of. art. 102
Leaf area, growth, and photosynthesis rate in Douglas-fir. Effects of nitrogen fertilization on. art. 189
Leafhoppers, mesophyll-feeding, and ozone. The distinction between injury to tree leaves by. art. 154
Leaf temperature and transpiration in eastern cottonwood. art. 151
Leaf-water deficits of tree seedlings in relation to soil moisture. art. 58
Leaves, tree, injury by ozone and mesophyll-feeding leafhoppers. The distinction between. art. 154
Leptoglossus occidentalis on ponderosa pine seed development. Effect of cone feeding by. art. 104
Logs, Douglas-fir, characteristics of, in relation to ambrosia beetle attack. art. 95
Lumber, redwood. An econometric model of the market for. art. 159
Mammal, wild, TMTD repellent: Review and current status. art. 439
Management of forests. rev. 317
Market for redwood lumber. An econometric model of the. art. 159
Mesophyll-feeding leafhoppers and ozone. The distinction between injury to tree leaves by. art. 154
Microbial recolonization of a fumigated nursery soil. art. 368
Microclimate in a forest. Simulation of the. art. 37
Moisture stress affects germination of longleaf and slash pine seeds. art. 275
Moisture supply and genotype influence nutrient content of eastern cottonwood foliage. art. 46
Mycorrhizae, *Cenococcum graniforme*. An antibiotic detected in conifer foliage and its relation to. art. 286
Mycorrhizae, endotrophic, found on *Populus deltoides*. art. 158
Mycorrhizal deficiency in a Douglas-fir region nursery. art. 381
Mycorrhizal, endotrophic, infection of tree seedlings with Endogone spores. art. 134
Nanism in slash X shortleaf pine hybrids. art. 174
Needle, branch, and xylem ring growth of Sierra Nevada Douglas-fir. Effect of cone production on. art. 171
Needle fascicles. Vegetative propagation of lodgepole pine (*Pinus contorta* Dougl.) from. art. 64
Nematode, stubby-root, influence on growth of southern pine seedlings. art. 130
Nitrogen fertilization, effects on growth, leaf area, and photosynthesis rate in Douglas-fir. art. 189
Nitrogenous compounds in the xylem sap of *Ulmus americana*: Seasonal variations in relation to Dutch elm disease susceptibility. art. 299
Nursery, Douglas-fir region. Mycorrhizal deficiency in a. art. 398
Nursery soil, fumigated. Microbial recolonization of a. art. 368
Nutrient content of eastern cottonwood foliage. Genotype and moisture supply influence. art. 46
Nutrient deficiencies, effects of, on tensile properties of the xylem of *Robinia pseudoacacia* L. seedlings. art. 251
Oak, red, trees. Oxygen and carbon dioxide concentrations in sound and decaying. art. 246
Oak wilt fungus, *Ceratocystis fagacearum*, as a selective silvicide. art. 198
Oleoresin exudation flow in pines. A simple technique for measuring. art. 56
Organic materials, release of, from the roots of tree seedlings. art. 138
Oviposition. Emplacement of fungal spores by the woodwasp, *Sirex noctilio*, during. art. 412
Oxygen and carbon dioxide concentrations in sound and decaying red oak trees. art. 246
Ozone and mesophyll-feeding leafhoppers. The distinction between injury to tree leaves by. art. 154
Paper bags and tags for controlled pollination of Douglas-fir. art. 143
Parasitic weed, *Seymeria cassioides*, on slash pine. art. 318
Partial replacement, sampling with, on three or more occasions. art. 204

Penetration and infection of pines by dwarf mistletoe. Temperature affects. art. 149
Permanent slides of stained wood fibers without dehydration or cover glasses. art. 411
Pests and diseases of forest plantation trees. rev. 54
Photosynthesis rate, growth, and leaf area in Douglas-fir. Effects of nitrogen fertilization on. art. 189
Pine, loblolly, plantation. Behavior of *Ips* populations after summer thinning in a. art. 390
Pine, loblolly, seedlings. Net assimilation rate and growth in. art. 431
Pine, lodgepole (*Pinus contorta* Dougl.). Vegetative propagation from needle fascicles. art. 64
Pine, longleaf and slash seeds. Alcohol dehydrogenase activity and ethanol utilization in germinating. art. 400
Pine, longleaf and slash seeds. Moisture stress affects germination of. art. 275
Pine, ponderosa, ecotypes in Michigan. Early growth of. art. 121
Pines, ponderosa, in pumice soils of Central Oregon. Root development and height increment of. art. 226
Pine, ponderosa, seed development. Effect of cone feeding by *Leptoglossus occidentalis* on. art. 104
Pine, ponderosa, seedlings. Effect of osmotic water stress on germination and initial development of. art. 30
Pine, red, plantations. Stemwood production related to soils in Michigan. art. 320
Pine, slash, a parasitic weed, *Seymeria cassioides*, on. art. 318
Pine, slash, stumps, ecology of: Fungal colonization and infection by *Fomes annosus*. art. 2
Pine, slash and longleaf seeds. Alcohol dehydrogenase activity and ethanol utilization in germinating. art. 400
Plne, slash and longleaf seeds. Moisture stress affects germination of. art. 275
Pine, southern, seedlings. Influence of stubby-root nematode on growth of. art. 130
Pine, white. Basal canker of. art. 66
Pines, Austrian and Japanese red, in southern Michigan. Abundant natural hybridization between. art. 269
Pines. A simple technique for measuring oleoresin exudation flow in. art. 56
Pines, temperature affects penetration and infection by dwarf mistletoe. art. 149
Pinus contorta Dougl. (lodgepole pine). Vegetative propagation from needle fascicles. art. 64
Plant propagation principles and practices. rev. 196
Pollen. A vibrator for collecting. art. 144
Pollination of Douglas-fir. Paper bags and tags for controlled. art. 143
Populus deltoides. Endotrophic mycorrhizae found on .art. 158
Poria weirii in a Douglas-fir forest soil in western Oregon. Occurrence of fungi antagonistic to. art. 49
Pressure chamber measurements of water stress in individual pine fascicles. art. 452
Pumice soils of Central Oregon. Root development and height increment of ponderosa pines in. art. 226
Redwood lumber. An econometric model of the market for. art. 159
Regeneration, studies of, in forest stands devastated by the spruce budworm. IV. Problems of stocked-quadrat sampling. art. 417
Release of organic materials from the roots of tree seedlings. art. 138
Repellent, TMTD, wild mammal: Review and current status. art. 439
Research, timber management, allocating funds to. Forest Sci. Monog. 16. (a separate)
Resin as a barrier to infection of white spruce by heartrotting fungi. art. 266
Robinia pseudoacacia L. seedlings. Effects of nutrient deficiencies on tensile properties of the xylem of. art. 251
Root development and height increment of ponderosa pines in pumice soils of Central Oregon. art. 226
Roots of forest trees. rev. 203
Roots of tree seedlings. Release of organic materials from the. art. 138
Rotation and thinning, optimal. art. 446
Sampling, stocked-quadrat. IV. Problems of. Studies of regeneration in forest stands devastated by the spruce budworm. art. 417
Sampling, units, and interpretation. A growth definition for stocking: art. 255
Sampling units in a forest inventory. A statistical procedure for combining different types of. art. 307
Sampling with partial replacement on three or more occasions. art. 204
Sapwood of four tree species in relation to feeding by the black bear. Chemical composition of the. art 11
Seeds, Douglas-fir, disease of, during cone storage. art. 176
Seed, Douglas-fir, quality. Effects of cone-picking date on. art. 404

Seed fall of three conifers in West-central Oregon. art. 290
Seed, germinated pine. Recovery of, after air-drying. art. 305
Seeds, longleaf and slash pine. Moisture stress affects germination of. art. 275
Seed, ponderosa pine, development. Effect of cone feeding by *Leptoglossus occidentalis* on. art. 104
Seedbed history affects tree growth in southeast Alaska. art. 296
Seedlings, American elm, response to treatment with captan and cycloheximide. art. 87
Seedlings, loblolly pine. Net assimilation rate and growth in. art. 431
Seedlings, *Robinia pseudoacacia* L. Effects of nutrient deficiencies on tensile properties of the xylem of. art. 251
Seedlings, southern pine. Influence of stubby-root nematode on growth of. art. 130
Seedlings, tree, endotrophic mycorrhizal infection with Endogone spores. art. 134
Seedlings, tree, in relation to soil moisture. Leaf-water deficits of. art. 58
Seedlings, tree. Release of organic materials from the roots of. art. 138
Seymeria cassioides, a parasitic weed on slash pine. art. 318
Silvicide. Oak wilt fungus, *Ceratocystis fagacearum*, as a selective. art. 198
Simulation of the microclimate in a forest. art. 37
Sirex noctilio, woodwasp, during oviposition. Emplacement of fungal spores by the. art. 412
Site index, problems in relating soil to, for southern hardwoods. art. 354
Slash X shortleaf pine hybrids. Nanism in. art. 174
Slides, permanent, of stained wood fibers without dehydration or cover glasses. art. 411
Soil in western Oregon. Occurrence of fungi antagonistic to *Poria weirii* in a Douglas-fir forest. art. 49
Soil moisture. Leaf-water deficits of tree seedlings in relation to. art. 58
Soil, nursery, fumigated. Microbial recolonization of a. art. 368
Soil-plant relationships. rev. 45
Soils in Michigan red pine plantations. Stemwood production related to. art. 320
Soils, pumice, of Central Oregon. Root development and height increment of ponderosa pines in. art. 226
Soil to site index, problems in relating, for southern hardwoods. art. 354
Spruce, black and red. Spruce budworm defoliation in relation to introgression in. art. 365
Spruce budworm defoliation in relation to introgression in red and black spruce. art. 365
Spruce budworm in Minnesota. Forest character and vulnerability of balsam fir to. art. 17
Spruce budworm. Studies of regeneration in forest stands devastated by the. IV. Problems of stocked-quadrat sampling. art. 417
Spruce, red and black. Spruce budworm defoliation in relation to introgression in. art. 365
Spruce, white, infection of, by heartrotting fungi. Resin as a barrier to. art. 266
Statistical procedure for combining different types of sampling units in a forest inventory. A. art. 307
Stem tissues. Aseptic culture of *Juglans nigra* L. art. 102
Stemwood production related to soils in Michigan red pine plantations. art. 320
Stocked-quadrat sampling. IV. Problems of. Studies of regeneration in forest stands devastated by the spruce budworm. art. 417
Stocking, a growth definition for: Units, sampling, and interpretation. art. 255
Storage, cone. Disease of Douglas-fir seeds during. art. 176
Stubby-root nematode, influence on growth of southern pine seedlings. art. 130
Stumps, slash pine, ecology of: Fungal colonization and infection by *Fomes annosus*. art. 2
Technique for investigating cambial activity and the differentiation of cambial derivatives, A simple. art. 26
Technique for measuring oleoresin exudation flow in pines, A simple. art. 56
Temperature affects penetration and infection of pines by dwarf mistletoe. art. 149
Temperature, the influence of, on the electrical impedance of woody tissue. art. 85
Tensile properties of the xylem of *Robinia pseudoacacia* L. seedlings. Effects of nutrient deficiencies on. art. 251
Thermal effects of forest irrigation. Time-integrated. art. 114
Thinning, after summer, in a loblolly pine plantation. Behavior of *Ips* populations. art. 390
Thinning and rotation, optimal. art. 446
Through-bark measurement of grain direction: Preliminary results. art. 92
Timber: Its structure and properties. rev. 111
Timber management research. Allocating funds to. Forest Sci. Monog. 16. (a separate)
Time-integrated thermal effects of forest irrigation. art. 114
TMTD wild mammal repellent: Review and current status. art. 439

Transpiration and leaf temperature in eastern cottonwood. art. 151
Trees. rev. 367
Ulmus americana, nitrogenous compounds in the xylem sap of: Seasonal variations in relation to Dutch elm disease susceptibility. art. 299
Uneven-aged forest stands. Deriving growth and yield functions for. art. 183
Variation, natural, in *Abies* of the southern Appalachians. art. 238
Vegetative propagation of lodgepole pine (*Pinus contorta* Dougl.) from needle fascicles. art. 64
Vibrator for collecting pollen. A. art. 144
Volume, stand, estimating by measuring form class without measuring diameters. art. 145
Vulnerability of balsam fir to spruce budworm in Minnesota. Forest character and. art. 17
Water stress in individual pine fascicles. Pressure chamber measurements of. art. 452
Water stress on germination and initial development of ponderosa pine seedlings. Effect of osmotic. art. 30
Wood as a raw material. rev. 63
Wood dictionary: research, manufacture, utilization, Volume III. rev. 351
Wood fibers, stained, without dehydration or cover glasses. Permanent slides of. art. 411
Woodwasp, *Sirex noctilio*, during oviposition. Emplacement of fungal spores by the. art. 412
Woody tissue. The influence of temperature on the electrical impedance of. art. 85
Xylem ring, branch, and needle growth of Sierra Nevada Douglas-fir. Effect of cone production on. art. 171
Xylem sap of *Ulmus americana*, Nitrogenous compounds in the: Seasonal variations in relation to Dutch elm disease susceptibility. art. 299

BY AUTHOR

Adams, D. H. art. 327
Ashby, W. C. art. 102
Barnett, J. P. art. 275
Barnett, James P. art. 400
Barrett, James P. art. (rev.) 197
Batzer, Harold O. art. 17
Beekman, W. Boerhave, rev. 351
Bell, John F. art. (rev.) 317
Bethune, James E. Forest Sci. Monog. 16. (a separate)
Billings, R. F. art. 296
Black, C. A. rev. 45
Bloomberg, W. J. art. 176
Boyce, Stephen G. art. (rev.) 268
Bright, John N. art. 121
Brix, H. art. 189
Broadfoot, W. M. art. 46, 354
Brookes, Martha H. art. 332
Brown, C. L. art. 26
Browne, F. G. rev. 54
Buckman, Robert E. art. (rev.) 16
Canavera, David S. art. 269
Chapman, J. A. art. 95
Chevrou, R. B. art. 204
Clark, F. Bryan art. 134
Clutter, Jerome L. Forest Sci. Monog. 16. (a separate)
Coutts, M. P. art. 412
Cummins, James N. art. 102
Cunia, T. art. 204
Danielson, R. M. art. 368
Davey, C. B. art. 368
Denyer, W. B. G. art. 266
Desch, H. E. rev. 111
Dickinson, Fred E. art. (rev.) 351
Dingle, Richard Wm. art. 64
Dolezal, J. E. art. 412
Driver, C. H. art. 2
Dyer, E. D. A. art. 95
Ebell, L. F. art. 189
Echols, Robert M. art. 411
Evert, F. art. 145
Farmer, R. E., Jr. art. 46, 151
Feininger, Andreas rev. 367
Foulger, A. N. art. 92
Fowler, D. P. art. 365
Franklin, Jerry F. art. (rev.) 254
French, D. W. art. 198
Furnival, G. M. art. 37
Gashwiler, Jay S. art. 290
Gass, C. R. art. 296
Ghent, A. W. art. 417
Ginns, James H., Jr. art. 2
Glerum, C. art. 85
Goor, A. Y. rev. 439
Grand, L. F. art. 286
Grelen, H. E. art. 318
Hall, Otis F. art. 183
Hannah, Peter R. art. 320
Haralamb, A. rev. 101
Hare, Robert C. art. (rev.) 196
Harms, William R. art. 58
Hartmann, Hudson T. rev. 196
Hermann, R. K. art. (rev.) 101, 203
Hermann, Richard K. art. 226
Hibben, C. R. art. 154
Hossfeld, Ralph art. (rev.) 63
Houston, David R. art. 66
Howe, George E. art. 144
Jensen, Keith F. art. 246
John, Hugo H. art. 307
Johnson, Norman E. art. 452
Koerber, Thomas W. art. 104
Köstler, J. N. rev. 203
Krugman, Stanley L. art. 104
Larsen, Fenton E. art. 64
Larson, Charles C. art. (rev.) 83
Larson, M. M. art. 30, 305
Ledig, F. Thomas, art. 431
Lee, Richard, art. 114
Lemmien, Walter A. art. 121, 269
Lewis, T. rev. 268
Manley, S. A. M. art. 365
Mann, W. F., Jr. art. 318
Mason, Richard R. art. 56, 390
McAdoo, J. C. art. 251
McKillop, William, art. 159
Mendenhall, William, rev. 197
Metcalf, Woodbridge art. (rev.) 367
Moser, John W., Jr. art. 183
Murphey, W. K. art. 251
Näslund, Bertil, art. 446
Naylor, Aubrey W. art. 400
Nelson, Earl E. art. 49
Nicholson, E. M. rev. 16
Nielsen, David G. art. 452
Osborn, Katherine H. art. 332
Osmaston, F. C. rev. 317
Perry, Thomas O. art. 431
Peterken, G. F. rev. 16

Petersen, Roger G. art. 226
Radwan, M. A. art. 11, 439
Read, Ralph A. art. (rev.) 430
Rediske, J. H. art. 404
Reifsnyder, W. E. art. 37
Roberts, Bruce R. art. 87
Robinson, John F. art. 238
Roth, L. F. art. 327
Ruehle, John L. art. 130
Sartorius, Peter, rev. 181
Scharpf, Robert F. art. 149
Schmitt, Dan, art. 174
Schroeder, D. B. art. 198
Schubert, Gilbert H. art. 30
Sharpe, William E. art. 114
Singh, Dilbagh, art. 299
Smalley, Eugene B. art. 299
Smith, C. S. art. 305
Smith, R. B. art. 277
Smith, William H. art. 138
Stage, Albert R. art. 255
Stephens, F. R. art. 296
Stipes, R. Jay art. 87
Stone, E. L. art. (rev.) 289
Strand, Robert F. art. 381
Sukachev, V. (ed. by), rev. 254
Tappeiner II, John C. art. 171
Thor, Eyvind, art. 238
Trappe, J. M. (ed.) rev. 399
Trappe, James M. art. 381
Tseplyaev, V. P. rev. 83
Tsoumis, George rev. 63
Vozzo, J. A. art. 158
Waggoner, Paul E. art. 37
Wangaard, Frederick F. art. (rev.) 111
Ward, W. W. art. 286
Wensel, Lee C. art. 307
West, William I. art. 332
Whitney, R. D. art. 266
Williamson, B. C. art. 318
Wilson, Boyd C. art. 143
Wilson, Louis F. art. (rev.) 54
Winters, Robert K. art. (rev.) 181
Wodzicki, T. J. art. 26
Wright, Jonathan W. art. 121, 269
Youngberg, C. T. art. (rev.) 399
Zahner, Robert art. (rev.) 45